

ABSTRACT

5 The presently claimed invention provides methods, compositions, and apparatus
for studying nucleic acids. Specifically, the present invention provides a novel
enrichment and labeling strategy for ribonucleic acids. In one embodiment, the invention
provides enriching for a population of interest in a complex population by diminishing
the presence of a target sequence. In a further embodiment, the invention can be used to
reproducibly label and detect extremely small amounts of nucleic acids.